

Form PTO 1449 Rev. 7-00	U.S. Department of Commerce Patent and Trademark Office LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets if Necessary)	Atty. Docket No. CH-7771/STA-208	Serial No. 10/661,436 To Be Assigned
		Applicant Stephan Kirchmeyer et al	
		Filing Date Herewith	Group 2811

Sheet 1 of 3

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Vu	AA	4,435,548	03/06/84	Tomalia et al	525	451	-
	AB	4,507,466	03/26/85	Tomalia et al	528	332	
	AC	4,631,337	12/23/88	Tomalia et al	528	391	
	AD	5,070,183	12/03/91	Kim	528	397	
	AE	5,145,930	09/08/92	Kim	528	4	
	AF	5,183,862	02/02/93	Figuly	525	437	
	AG	5,225,522	07/06/93	Turner et al	528	361	
	AH	5,264,543	11/23/93	Kim	528	331	
	AI	5,270,402	12/14/93	Figuly	525	440	
	AJ	5,346,984	09/13/94	Hasegawa	528	323	
Vu	AK	6,025,462	02/15/00	Wang et al	528	377	-

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No
Vu	AL	02/26859	04/04/02	World	-	-		
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Vu	AR	Nature, Vol. 401, 14 October 1999, H. Sirringhaus et al., "Two-dimensional charge transport in self-organized, high-mobility conjugated polymers", pgs. 685-688
Vu	AS	Science, Vol 290, 15 December 2000, H. Sirringhaus et al., "High-Resolution Inkjet Printing of All-Polymer Transistor Circuits", Pgs. 2123-2126
Vu	AT	Science, Vol. 280, 12 June 1998, "Integrated Optoelectronic Devices Based on Conjugated Polymers", pgs. 1741-1744

EXAMINER HUNG VU	DATE CONSIDERED 01/03/05
EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets if Necessary)	Atty. Docket No. CH-7771/STA-208	Serial No. -To Be Assigned W/661, 436
		Applicant Stephan Kirchmeyer et al	
		Filing Date Herewith	Group 281

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Vu	AA	6,384,172	05/07/02	Dvornic et al	528	15	—
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Vu	AR	Chemistry of Materials, Volume 10, Number 2, February 1998, H. E. Katz et al., "α-ω-Dihexyl- quaterthiophene: A Second Thin Film Single-Crystal Organic Semiconductor", pgs. 457-459
Vu	AS	Synthetic Metals 101, (month unavailable) (1999), R. Azumi et al., "Thermal Behavior of α- Alkylated Oligothiophenes", pgs. 544-545
Vu	AT	Science, Vol. 290, 3 November 2000, J. H. Schön et al., "A Light-Emitting Field-Effect Transistor" Pgs. 963-965

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Form PTO 1449 Rev. 7-90	U.S. Department of Commerce Patent and Trademark Office LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets If Necessary)	Atty. Docket No. CH-7771/STA-208 Applicant Stephan Kirchmeyer et al Filing Date Herewith	Sheet 3 of 3 Serial No. To Be Assigned <u>10/661, 436</u> Group <u>2811</u>
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<u>V_h</u>	AR	Science, Vol. 298, 1 November 2002, Science's Compass, Retraction, J. H. Schön et al., pgs. 961-965
<u>V_h</u>	AS	Chem. Mater., (month unavailable) 1998, 10, H.E. Katz et al., "Synthesis, Solubility, and Field-Effect Mobility of Elongated and Oxa-Substituted α - ω -Dialkyl Thiophene Oligomers. Extension of "Polar Intermediate" Synthetic Strategy and Solution Deposition on Transistor Substrates", pgs. 633-638
<u>V_h</u>	AT	Advances in Dendritic Macromolecules, Vol 2, (month unavailable) 1995, L. J. Mathais et al., "Silicon-Based Stars, Dendrimers, and Hyperbranched Polymers", pgs. 101-121

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LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets if Necessary)		Applicant Stephan Kirchmeyer et al	
		Filing Date September 12, 2003	Group 2811

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✓	AL 01/59030	08/16/01	World	-	-		
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	AO						
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✓	AR	KIM, Y.H. ET AL: "HYPERBRANCHED POLYPHENYLENES" MACROMOLECULES, AMERICAN CHEMICAL SOCIETY. EASTON, US, Bd. 25, Nr. 21, 12. Oktober 1992 (1992-10-12), Seiten 5561-5572, XP000315427 ISSN: 0024-9297 *Seite 5562, Spalte 1 - Seite 5570, Spalte 1*
✓	AS	KIEBOOMS R ET AL: "SYNTHESIS, ELECTRICAL, AND OPTICAL PROPERTIES OF CONJUGATED POLYMERS" HANDBOOK OF ADVANCED ELECTRONIC AND PHOTONIC MATERIALS AND DEVICES, XX, XX, Bd. 8, 2001, Seiten 1-102, XP001029240 *das ganze Dokument*
	AT	

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